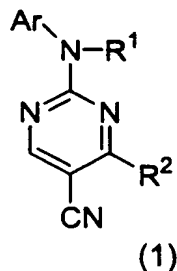


CLAIMS

1. A compound of formula (1):

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wherein Ar is an optionally substituted aromatic or heteroaromatic group;
R¹ is a hydrogen atom or a straight or branched chain alkyl group;
R² is a -X¹-R³ group where X¹ is a direct bond or a linker atom or
group, and R³ is an optionally substituted aliphatic, cycloaliphatic,
heteroaliphatic, heterocycloaliphatic, aromatic or heteroaromatic
group;
and the salts, solvates, hydrates and N-oxides thereof.

- 15 2. A compound according to Claim 1 wherein R¹ is a hydrogen atom.
3. A compound according to Claim 1 wherein R² is a group -X¹R³ in
which X¹ is a direct bond.
- 20 4. A compound according to Claim 3 in which R³ is an optionally
substituted aromatic or heteroaromatic group, said heteroaromatic
group containing one or two ring oxygen, sulphur and/or nitrogen
atoms.
- 25 5. A compound according to Claim 4 wherein R³ is a phenyl, thienyl,
thiazolyl, indolyl or pyridyl group optionally substituted by one, two or

three $-R^{4b}$ or $-\text{Alk}(R^{4b})_m$ substituents in which R^{4b} is a halogen atom, or an amino ($-\text{NH}_2$), substituted amino, nitro, cyano, hydroxyl ($-\text{OH}$), substituted hydroxyl, formyl, carboxyl ($-\text{CO}_2\text{H}$), esterified carboxyl, thiol ($-\text{SH}$), substituted thiol, $-\text{COR}^5$ [where R^5 is a $-\text{Alk}(R^4)_m$, aryl or heteroaryl group], $-\text{CSR}^5$, $-\text{SO}_3\text{H}$, $-\text{SO}_2\text{R}^5$, $-\text{SO}_2\text{NH}_2$, $-\text{SO}_2\text{NHR}^5$, $-\text{SO}_2\text{N}[R^5]_2$, $-\text{CONH}_2$, $-\text{CSNH}_2$, $-\text{CONHR}^5$, $-\text{CSNHR}^5$, $-\text{CON}[R^5]_2$, $-\text{CSN}[R^5]_2$, $-\text{NHSO}_2\text{H}$, $-\text{NHSO}_2\text{R}^5$, $-\text{N}[\text{SO}_2\text{R}^5]_2$, $-\text{NHSO}_2\text{NH}_2$, $-\text{NHSO}_2\text{NHR}^5$, $-\text{NHSO}_2\text{N}[R^5]_2$, $-\text{NHCOR}^5$, $-\text{NHCONH}_2$, $-\text{NHCONHR}^5$, $-\text{NHCON}[R^5]_2$, $-\text{NHCSR}^5$, $-\text{NHC}(\text{O})\text{OR}^5$, or optionally substituted cycloaliphatic, hetero-cycloaliphatic, aryl or heteroaryl group; Alk is a straight or branched C_{1-6} alkylene, C_{2-6} alkenylene or C_{2-6} alkynylene chain, optionally interrupted by one, two or three $-\text{O}-$ or $-\text{S}-$ atoms or groups selected from $-\text{S}(\text{O})-$, $-\text{S}(\text{O})_2-$ or $-\text{N}(\text{R}^6)-$ [where R^6 is a hydrogen atom or a straight or branched chain C_{1-6} alkyl group]; and m is zero or an integer 1, 2 or 3.

6. A compound according to Claim 1 wherein Ar is a phenyl, pyridyl, indolyl, indazolyl, benzimidazolyl, benzothiazolyl, quinolyl, isoquinolyl or benzoxazolyl group each substituted by one, two or three $-R^4$ or $-\text{Alk}(R^4)_m$ substituents in which R^4 is a halogen atom, or an amino ($-\text{NH}_2$), substituted amino, nitro, cyano, hydroxyl ($-\text{OH}$), substituted hydroxyl, formyl, carboxyl ($-\text{CO}_2\text{H}$), esterified carboxyl, thiol ($-\text{SH}$), substituted thiol, $-\text{COR}^5$ [where R^5 is a $-\text{Alk}(R^4)_m$, aryl or heteroaryl group], $-\text{CSR}^5$, $-\text{SO}_3\text{H}$, $-\text{SO}_2\text{R}^5$, $-\text{SO}_2\text{NH}_2$, $-\text{SO}_2\text{NHR}^5$, $-\text{SO}_2\text{N}[R^5]_2$, $-\text{CONH}_2$, $-\text{CSNH}_2$, $-\text{CONHR}^5$, $-\text{CSNHR}^5$, $-\text{CON}[R^5]_2$, $-\text{CSN}[R^5]_2$, $-\text{NHSO}_2\text{H}$, $-\text{NHSO}_2\text{R}^5$, $-\text{N}[\text{SO}_2\text{R}^5]_2$, $-\text{NHSO}_2\text{NH}_2$, $-\text{NHSO}_2\text{NHR}^5$, $-\text{NHSO}_2\text{N}[R^5]_2$, $-\text{NHCOR}^5$, $-\text{NHCONH}_2$, $-\text{NHCONHR}^5$, $-\text{NHCON}[R^5]_2$, $-\text{NHCSR}^5$, $-\text{NHC}(\text{O})\text{OR}^5$, or optionally substituted cycloaliphatic, hetero-cycloaliphatic, aryl or heteroaryl group; Alk is a

straight or branched C₁₋₆ alkylene, C₂₋₆ alkenylene or C₂₋₆ alkynylene chain, optionally interrupted by one, two or three -O- or -S- atoms or groups selected from -S(O)-, -S(O)₂- or -N(R⁶)- [where R⁶ is a hydrogen atom or a straight or branched chain C₁₋₆ alkyl group]; and
5 m is zero or an integer 1, 2 or 3.

7. A compound according to Claim 6 wherein Ar is a phenyl group substituted by one, two or three -R⁴ or -Alk(R⁴)_m substituents.
- 10 8. A compound according to any one of Claim 5 to Claim 7 wherein at least one of -R⁴, -Alk(R⁴)_m, -R^{4b} or -Alk(R^{4b})_m is a -X^{1a}(Alk^a)_pNR^{7a}R^{7b} (where X^{1a} is a direct bond or a linker atom or group, Alk^a is as defined for Alk, p is zero or an integer 1 and R^{7a} and R^{7b} which may be the same or different is each a hydrogen atom or a straight or
15 branched C₁₋₆alkyl group), -X^{1a}(Alk^a)_pNHet¹ (where -NHet¹ is an optionally substituted C₃₋₇cyclicamino group optionally containing one or more -O- or -S- atoms or -N(R⁶) [where R⁶ is a hydrogen atom or a straight or branched chain C₁₋₆alkyl group]) or -X^{1a}(Alk^a)_pAr² group (where Ar² is a nitrogen containing heteroaromatic group).
20
9. A compound which is:
5-Cyano-4-phenyl-N-(3,4,5-trimethoxyphenyl)pyrimidine-2-amine;
5-Cyano-N-[4-(2-imidazol-1-ylethyl)phenyl]-4-(4-methoxycarbonyl-phenyl)pyrimidine-2-amine;
25 5-Cyano-4-(4-hydroxymethylphenyl)-N-(3,4,5-trimethoxyphenyl)-pyrimidine-2-amine;
5-Cyano-4[(4-N,N-diethylaminomethyl)phenyl]-N-(3,4,5-trimethoxyphenyl)pyrimidine-2-amine;
5-Cyano-4-[2-(3(R)-dimethylaminopyrrolidin-1-yl)pyridin-5-yl]-N-

- (indazol-5-yl)pyrimidine-2-amine;
4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-(indazol-5-yl)-
pyrimidine-2-amine;
4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-(3,4,5-trimethoxy-
5 phenyl)pyrimidine-2-amine;
5-Cyano-N-[4-(2-N,N-diethylaminoethylaminocarboxy)phenyl]-4-
phenylpyrimidine-2-amine;
5-Cyano-4-phenyl-N-[4-[2-(2-ethylimidazol-1-yl)ethyl]phenyl]-pyrimidine-
2-amine;
10 4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-4(1,2,3-triazol-1-yl)-
phenyl]pyrimidine-2-amine;
4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[4-[2-(2-ethylimidazol-1-
yl)ethyl]phenyl]pyrimidine-2-amine;
N-[3-(5-Cyano-4-thiophen-2-ylpyrimidin-2-ylamino)phenyl]-4-(4-
15 methylpiperazin-1-ylmethyl)benzamide;
4-[3-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[4-[2-(2-methyl-imidazol-
1-yl)ethyl]phenyl]pyrimidine-2-amino;
5-Cyano-4-[4-(imidazol-1-yl)methyl]phenyl-N-(3,4,5-trimethoxy-phenyl)-
pyrimidine-2-amino;
20 and the salts, solvates, hydrates and N-oxides thereof.

10. A compound which is:
4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[4(1,2,4-triazol-1-
yl)phenyl]pyrimidine-2-amine;
25 5-Cyano-N-[4-(1,2,4-triazol-1-yl)phenyl]-4-[4-(1-dimethylamino-1-methyl
ethyl)phenyl] pyrimidine-2-amine;
4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-(4-fluorophenyl)
pyrimidine-2-amine;
4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[4-[2-piperidin-1-

ylethyl]phenyl}pyrimidine-2-amine;

4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[4-(2-imidazol-1-ylethyl)phenyl]pyrimidine-2-amine;

4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[4-(2-morpholinoethyl)phenyl]pyrimidine-2-amine;

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4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-[3-(2-morpholinoethyl)phenyl]pyrimidine-2-amine;

5-Cyano-4-[4-(1-methyl-1-pyrrolidin-1-ylethyl)phenyl]-N-(4-fluorophenyl)pyrimidine-2-amine;

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5-Cyano-4-{2-([2-(diethylamino)ethyl]amino)pyridin-5-yl}-N-(4-fluorophenyl) pyrimidine-2-amine;

4-[4-(1-Amino-1-methylethyl)phenyl]-5-cyano-N-(3-fluorophenyl)pyrimidine-2-amine;

and the salts, solvates, hydrates and N-oxides thereof.

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11. A pharmaceutical composition comprising a compound according to Claim 1 together with one or more pharmaceutically acceptable carriers, excipients or diluents